

# EAST Search History - ORC - 6/30/06

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 452  | (cellulos\$2 adj fiber) and ((hunter adj valve) or (L adj value) or (b adj value) or (lightness adj index) or chromaticity or (chromatic\$4 adj index) or (whiteness adj index) or (opponent adj color adj scale))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/30 11:05 |
| L2    | 170  | I1 and crosslink\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/30 11:06 |
| L3    | 0    | I2 and absoebent  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/30 11:06 |
| L4    | 62   | I2 and absorbent  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/06/30 11:07 |
| S1    | 24   | ((("5,549,791") or ("5,998,511") or ("6,306,251") or ("5749863") or ("6359049") or ("5779857") or ("4,822,453") or ("4,888,093") or ("4,889,595") or ("4,889,596") or ("4,889,597") or ("5,366,591") or ("6,207,278") or ("6,551,706") or ("3,224,926") or ("4,853,086") or ("5,190,563") or ("6,562,879") or ("5,562,740") or ("6,176,973") or ("5,873,979") or ("6,620,293") or ("5,609,727"))).PN. or ((2003/0208859) or (2003/0208173)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/06/30 11:03 |
| S2    | 0    | ((2003/0208859) or (2003/0208173)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/07/12 11:38 |
| S3    | 2    | ((("20030208859") or ("20030208173"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/07/12 11:38 |
| S4    | 4    | ("2002100912").PN.  | EPO; JPO;<br>DERWENT                                  | OR               | OFF     | 2005/07/12 11:39 |
| S5    | 6685 | (162/9,100,10,109,135,136,146,157.1,157.2,157.3,157.6,157.7,158,164.1,164.3,168.1,169,173,179,182,184,185,186,204).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2005/07/12 14:54 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S6  | 6107  | (8/107,109,110,111,115.62,115.69,115.68,120,121,129,155.51,155.65,181,185,189,194,195,493,dig.58).CCLS.                  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/07/12 14:54 |
| S7  | 11578 | ((428/361,364,365,368,359,391,392,393,394) or (536/36,56) or (604/367,368,375,376,378,378)).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/07/12 14:55 |
| S8  | 7584  | (162/9,100,10,109,135,136,146,157.1,157.2,157.3,157.6,157.7,158,164.1,164.3,168.1,169,173,179,182,184,185,186,204).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/12 14:54 |
| S9  | 6418  | (8/107,109,110,111,115.62,115.69,115.68,120,121,129,155.51,155.65,181,185,189,194,195,493,dig.58).CCLS.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/12 14:54 |
| S10 | 12633 | ((428/361,364,365,368,359,391,392,393,394) or (536/36,56) or (604/367,368,375,376,378,378)).CCLS.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/12 14:55 |
| S11 | 0     | ("cellulos\$2andcrosslink\$3andcarboxylicandacidandpolyol").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/12 14:56 |
| S12 | 7638  | cellulos\$2 and crosslink\$3 and carboxylic and acid and polyol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/12 07:02 |
| S13 | 193   | S12 and (S8 or S9 or S10)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/12 15:23 |
| S14 | 78    | S13 and bleach\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/12 14:58 |
| S15 | 26    | S13 and bright\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/12 15:00 |

## EAST Search History

|     |    |                  |   |    |    |                  |
|-----|----|------------------|---|----|----|------------------|
| S16 | 63 | S13 and white\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/12 15:09 |
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## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S17 | 283 | ("3901984") or ("4108597") or<br>("4289673") or ("4365966") or<br>("4461858") or ("4584357") or<br>("4615708") or ("4788280") or<br>("4801699") or ("4810785") or<br>("4822453") or ("4853086") or<br>("4871423") or ("4888093") or<br>("4889595") or ("4889596") or<br>("4889597") or ("4898642") or<br>("4908097") or ("5183707") or<br>("5188708") or ("5190563") or<br>("5211811") or ("5223090") or<br>("5225047") or ("5242463") or<br>("5252275") or ("5266158") or<br>("5296099") or ("5298584") or<br>("5324390") or ("5324391") or<br>("5324575") or ("5366591") or<br>("5368690") or ("5370773") or<br>("5384011") or ("5384012") or<br>("5393334") or ("5399240") or<br>("5409570") or ("5421960") or<br>("5437418") or ("5441603") or<br>("5472485") or ("5492600") or<br>("5494555") or ("5523339") or<br>("5529663") or ("5536371") or<br>("5549791") or ("5554745") or<br>("5556976") or ("5562740") or<br>("5593779") or ("5603884") or<br>("5667638") or ("5672247") or<br>("5693707") or ("5700917") or<br>("5716703") or ("5723023") or<br>("5736004") or ("5744251") or<br>("5747125") or ("5749863") or<br>("5770010") or ("5834095") or<br>("5840787") or ("5858512") or<br>("5873979") or ("5906894") or<br>("5916796") or ("5935383") or<br>("5938995") or ("5942588") or<br>("5961763") or ("5981739") or<br>("5998511") or ("6027804") or<br>("6041701") or ("6162541") or<br>("6171444") or ("6176973") or<br>("6184271") or ("6190499") or<br>("6207278") or ("6245117") or<br>("6248879") or ("6261679") or<br>("6264791") or ("6265576") or<br>("6267975") or ("6270783") or<br>("6270950") or ("6277359") or<br>("6287743") or ("6287765") or<br>("6288189") or ("6291023") or<br>("6291127") or ("6296737") or<br>("6297377") or ("6306251") or<br>("6306939") or ("6313335") or<br>("6322595") or ("6322665") or<br>("6322801") or ("6329465") or<br>("6332996") or ("6338855") or<br>("6340411") or ("6344108") or<br>("6344505") or ("6348591") or<br>("6355708") or ("6362142") or | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/12 15:44 |
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## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S18 | 13050 | "polycarboxylic acid" and crosslink\$4                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/12 15:46 |
| S19 | 8886  | (polyalcohol or (polyhydric near2 alcohol) or polyol) and S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 07:00 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S20 | 283 | ("3901984") or ("4108597") or<br>("4289673") or ("4365966") or<br>("4461858") or ("4584357") or<br>("4615708") or ("4788280") or<br>("4801699") or ("4810785") or<br>("4822453") or ("4853086") or<br>("4871423") or ("4888093") or<br>("4889595") or ("4889596") or<br>("4889597") or ("4898642") or<br>("4908097") or ("5183707") or<br>("5188708") or ("5190563") or<br>("5211811") or ("5223090") or<br>("5225047") or ("5242463") or<br>("5252275") or ("5266158") or<br>("5296099") or ("5298584") or<br>("5324390") or ("5324391") or<br>("5324575") or ("5366591") or<br>("5368690") or ("5370773") or<br>("5384011") or ("5384012") or<br>("5393334") or ("5399240") or<br>("5409570") or ("5421960") or<br>("5437418") or ("5441603") or<br>("5472485") or ("5492600") or<br>("5494555") or ("5523339") or<br>("5529663") or ("5536371") or<br>("5549791") or ("5554745") or<br>("5556976") or ("5562740") or<br>("5593779") or ("5603884") or<br>("5667638") or ("5672247") or<br>("5693707") or ("5700917") or<br>("5716703") or ("5723023") or<br>("5736004") or ("5744251") or<br>("5747125") or ("5749863") or<br>("5770010") or ("5834095") or<br>("5840787") or ("5858512") or<br>("5873979") or ("5906894") or<br>("5916796") or ("5935383") or<br>("5938995") or ("5942588") or<br>("5961763") or ("5981739") or<br>("5998511") or ("6027804") or<br>("6041701") or ("6162541") or<br>("6171444") or ("6176973") or<br>("6184271") or ("6190499") or<br>("6207278") or ("6245117") or<br>("6248879") or ("6261679") or<br>("6264791") or ("6265576") or<br>("6267975") or ("6270783") or<br>("6270950") or ("6277359") or<br>("6287743") or ("6287765") or<br>("6288189") or ("6291023") or<br>("6291127") or ("6296737") or<br>("6297377") or ("6306251") or<br>("6306939") or ("6313335") or<br>("6322595") or ("6322665") or<br>("6322801") or ("6329465") or<br>("6332996") or ("6338855") or<br>("6340411") or ("6344108") or<br>("6344505") or ("6348591") or<br>("6355708") or ("6362142") or | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 07:00 |
|-----|-----|---|---|----|-----|------------------|

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S21 | 50    | (polyalcohol or (polyhydric near2 alcohol) or polyol) and S20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 07:49 |
| S22 | 13050 | "polycarboxylic acid" and crosslink\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 07:49 |
| S23 | 8886  | (polyalcohol or (polyhydric near2 alcohol) or polyol) and S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 07:49 |
| S24 | 595   | absorbent and fiber and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 09:24 |
| S25 | 12    | ((("4076663") or ("5137537") or ("3224926") or ("3440135") or ("3932209") or ("4035147") or ("4822453") or ("4888093") or ("4898642") or ("5137537") or ("4861539"))).PN. | USPAT;<br>USOCR                                       | OR | OFF | 2005/07/13 09:25 |
| S26 | 0     | ("199111162").PN.   | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/07/13 09:25 |
| S27 | 0     | ("WO9111162").PN.   | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/07/13 09:25 |
| S28 | 0     | (WO91/11162).CCLS.  | EPO; JPO;<br>DERWENT                                  | OR | OFF | 2005/07/13 09:25 |
| S29 | 2     | ("5549791").PN.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/07/13 13:05 |
| S30 | 4     | ((("5183707") or ("5190563"))).PN.  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/07/13 13:05 |
| S31 | 13    | ((("4853086") or ("3224926") or ("5190563") or ("6562879") or ("5562740"))).PN.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/07/13 13:36 |
| S32 | 536   | cellulos\$2 and fiber and crosslink\$3 and glyoxal and polyol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 13:39 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S33 | 7584  | (162/9,100,10,109,135,136,146,157.1,157.2,157.3,157.6,157.7,158,164.1,164.3,168.1,169,173,179,182,184,185,186,204).CCLS.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 13:40 |
| S34 | 6418  | (8/107,109,110,111,115.62,115.69,115.68,120,121,129,155.51,155.65,181,185,189,194,195,493,dig.58).CCLS.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 13:40 |
| S35 | 12633 | ((428/361,364,365,368,359,391,392,393,394) or (536/36,56) or (604/367,368,375,376,378,378)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/13 13:40 |
| S36 | 83    | cellulos\$2 and fiber and crosslink\$3 and glyoxal and polyol and (S33 or S34 or S35)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 15:48 |
| S37 | 7     | S36 and (brightness or whiteness)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 13:41 |
| S38 | 8     | S22 and malic and citric and tartaric and glutaric and citramalic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 14:27 |
| S39 | 45    | S22 and malic and citric and tartaric and tartronic and cellulos\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 14:31 |
| S40 | 681   | S22 and malic and tartaric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/13 15:13 |
| S41 | 20    | ((("4889595") or ("5225047") or ("5366591") or ("5556976") or ("5536369") or ("4822453") or ("3658613") or ("3819470") or ("4935022")).PN. | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/07/13 15:15 |
| S42 | 0     | ("(I4orI24)and(tartronicorhydroxyglutaricorcitramalic)").PN.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/07/13 15:17 |



## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S43 | 147   | (S22 or S41)and(tartronic or hydroxyglutaric or citramalic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:47 |
| S44 | 2     | (S22 or S41)and(tartronic and hydroxyglutaric and citramalic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:18 |
| S45 | 3     | (S22 or S41)and(heteroside and alicyclic and acyclic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:48 |
| S46 | 3     | (S22 or S41)and(heteroside)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:48 |
| S47 | 3     | cellulos\$2 and fiber and crosslink\$3 and polyol and heteroside  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:49 |
| S48 | 143   | heteroside  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/13 15:49 |
| S50 | 16    | heteroside and cellulos\$2 and polyol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 07:01 |
| S51 | 17977 | (erythritol or xylitol or arabinitol or ribitol or sorbitol or mannitol or perseitol or volemitol) and cellulos\$2 and polyol | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:02 |
| S52 | 2600  | S51 and absorbent   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 07:05 |
| S53 | 791   | (myo and inositol or malitol or lactitol) and cellulos\$2 and polyol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:03 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S54 | 186  | S53 and absorbent  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:09 |
| S55 | 2212 | myo-inositol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/30 11:03 |
| S56 | 68   | myo-inositol and absorbent   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:09 |
| S57 | 30   | myo-inositol and absorbent and<br>cellulos\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:10 |
| S58 | 107  | lactitol and absorbent and<br>cellulos\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:10 |
| S59 | 41   | heteroside and cellulos\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/14 08:12 |
| S60 | 216  | cellulos\$2 and fibers and (lightness<br>or L adj value) and (chromaticity or<br>color adj scale or a\$1value or<br>b\$1value)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 10:10 |
| S61 | 10   | crosslink\$3 near2 cellulos\$2 and<br>fibers and (lightness or L adj value<br>or hunter adj value) and<br>(chromaticity or color adj scale or<br>a\$1value or b\$1value) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 10:11 |
| S62 | 404  | cellulos\$2 and crosslink\$3 and<br>carboxylic and acid and polyol and<br>bleach and (bright or white)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/12 07:04 |